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(81) 指定国 (表示のない限り、全ての種類の国内保護が  
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添付公開書類:

— 国際調査報告書

2 文字コード及び他の略語については、定期発行される  
各PCTガゼットの巻頭に掲載されている「コードと略語  
のガイダンスノート」を参照。

(54) Title: CATALYST FOR CLARIFYING EXHAUST GAS AND METHOD FOR PRODUCING TETRAGONAL SYSTEM  
COMPOSITE OXIDE

(54) 発明の名称: 排気ガス浄化用触媒及び正方晶系複合酸化物の製造方法

(57) Abstract: A catalyst for clarifying an exhaust gas which comprises a tetragonal system composite oxide produced by neutral-  
ization coprecipitation - drying - firing and represented by the general formula  $A_2BO_4$ , wherein A represents at least one selected  
from the group consisting of Ca, Sr and Ba, B represents at least one selected from the group consisting of Mn, Fe, Ti, Sn and V,  
and a noble metal component being present in said tetragonal system composite oxide as a solid solution or carried on the tetragonal  
system composite oxide; and a method for producing the tetragonal system composite oxide. The catalyst for clarifying an exhaust  
gas exhibits enhanced activity at a low temperature and excellent heat resistance, and thus stable performance for the clarification of  
an exhaust gas.

(57) 要約: 中和共沈-乾燥-焼成によって得られる一般式  $A_2BO_4$  (式中、AはCa、Sr及びBaからなる群から  
選択される少なくとも1種を表し、BはMn、Fe、Ti、Sn及びVからなる群から選択される少なくとも1種  
を表す) で示される正方晶系複合酸化物と、該正方晶系複合酸化物中に固溶体化しているか又は担持されている貴  
金属成分とを併用することによる排気ガス浄化用触媒、並びにその正方晶系複合酸化物の製造方法である。この排  
気ガス浄化用触媒は低温活性が高く、且つ耐熱性に優れ、安定した排気ガス浄化性能を得ることができる。

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From the INTERNATIONAL BUREAU

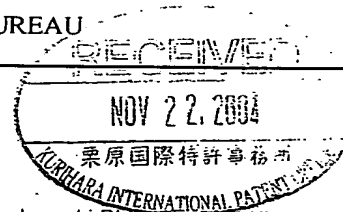
**PCT**

FIRST NOTICE INFORMING THE APPLICANT OF  
THE COMMUNICATION OF THE INTERNATIONAL  
APPLICATION (TO DESIGNATED OFFICES WHICH  
DO NOT APPLY THE 30 MONTH TIME LIMIT  
UNDER ARTICLE 22(1))

(PCT Rule 47.1(c))

To:

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JAPON

**IMPORTANT NOTICE**

Date of mailing (day/month/year) 11 November 2004 (11.11.2004)		
Applicant's or agent's file reference FP20040401		
International application No. PCT/JP2004/005147	International filing date (day/month/year) 09 April 2004 (09.04.2004)	Priority date (day/month/year) 10 April 2003 (10.04.2003)
Applicant MITSUI MINING & SMELTING CO. LTD. et al		

1. **ATTENTION:** For any designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002 (30 months from the priority date), **does apply**, please see Form PCT/IB/308(Second and Supplementary Notice) (to be issued promptly after the expiration of 28 months from the priority date).

2. Notice is hereby given that the following designated Office(s), for which the time limit under Article 22(1), as in force from 1 April 2002, **does not apply**, has/have requested that the communication of the international application, as provided for in Article 20, be effected under Rule 93bis.1. The International Bureau has effected that communication on the date indicated below:  
21 October 2004 (21.10.2004)

CH

In accordance with Rule 47.1(c-bis)(i), those Offices will accept the present notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

3. The following designated Offices, for which the time limit under Article 22(1), as in force from 1 April 2002, **does not apply**, have not requested, as at the time of mailing of the present notice, that the communication of the international application be effected under Rule 93bis.1:

FI, LU, SE, TZ, UG, ZM

In accordance with Rule 47.1(c-bis)(ii), those Offices accept the present notice as conclusive evidence that the Contracting State for which that Office acts as a designated Office does not require the furnishing, under Article 22, by the applicant of a copy of the international application.

**4. TIME LIMITS for entry into the national phase**

For the designated Office(s) listed above, and unless a demand for international preliminary examination has been filed before the expiration of **19 months** from the priority date (see Article 39(1)), the applicable time limit for entering the national phase will, **subject to what is said in the following paragraph**, be **20 MONTHS** from the priority date.

In practice, **time limits other than the 20-month time limit** will continue to apply, for various periods of time, in respect of certain of the designated Offices listed above. For **regular updates on the applicable time limits** (20 or 21 months, or other time limit), Office by Office, refer to the *PCT Gazette*, the *PCT Newsletter* and the *PCT Applicant's Guide*, Volume II, National Chapters, all available from WIPO's Internet site, at <http://www.wipo.int/pct/en/index.html>.

It is the applicant's **sole responsibility** to monitor all these time limits.

The International Bureau of WIPO  
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